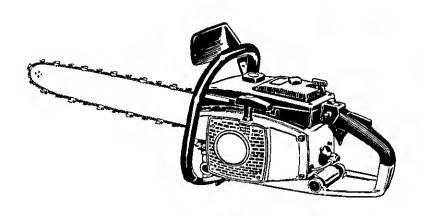
Tanaka.

Parts Catalog



ECS-655

Chain Saw

Model: ECS-650/655

Part # 11776 01-15-99

ECS-655 OPTIONS AND ACCESSORIES

BARS & CHAINS



16 In. Chain 72SG060X 20 In. Chain 72SG070X 24 In. Chain 72SG081X

16 In. Bar 160PXDD176 20 In. Bar 200PXDD176 24 In. Bar 240RNDD176

16 In. Bar/Chain Kit 844005 20 ln, Bar/Chain Kit 844006 24 In. Bar/Chain Kit 844007

DEPTH GUAGE CDG-600

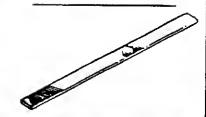
PERFECT MIX® 2-Cycle Engine Oil



700109 2.8 oz. Bottle, 1 Gallon Size (24*) 700108 16 oz. Self-measuring Bottle (24*) 700110 1 Gallon Jug Commercial Size (6*) * Case Quantity



FILE ASS'Y 5/32 CSF-732



FLAT FILE 8" CSF-800

SPECIAL TOOLS

MANUALS & CATALOGS

006-29326-000 Flywheel Remover 009-29111-080 Piston Pin Remover 890-32600-200 Clutch Remover

34765

22206

11792

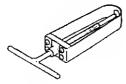
001-29000-000

Owner's Manual

Safety Manual

Parts Catalog

Tachometer 070-2000W-500 Pressure Tester 070-2000W-501 Carb. Tool Kit



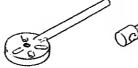
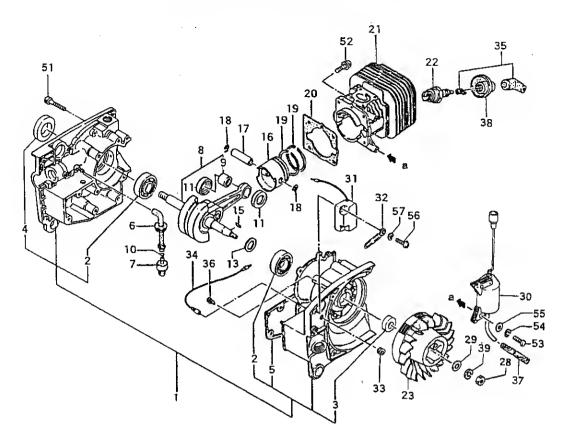
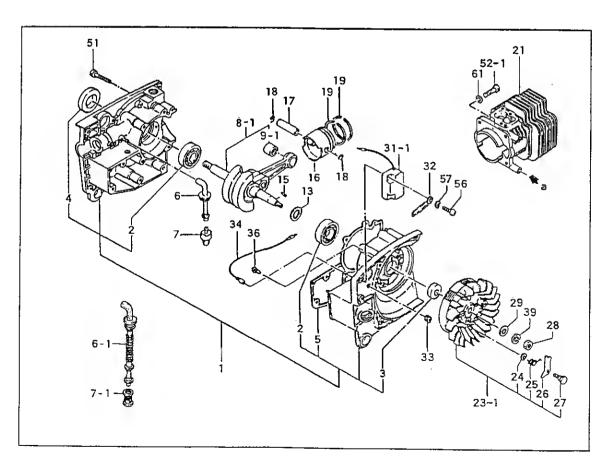




FIG. 1 ENGINE





r <u> </u>	1	EUS-055 P	-	_			
REF.		PART DESCRIPTION		С	_	SERIAL NO	
1	072-11650-901	,	1			~E055570	Includes bearings, seals & gasket
1	072-11650-911	CRANKCASE,ASS'Y	1		D	E055571~	Includes bearings, seals & gasket
2	999-61620-206	,	2		C		
3	999-66122-240		1		Α		
4		SEAL,OIL,#25356	1		С		
5	090-11650-200	GASKET, CRANKCASE	1	Ш	С		
6-1	505-32600-201	PIPE,O!L,B			D	~C189252	
6	505-32600-211	PIPE,OIL,B				C189253~	
7-1	487-32600-200	OIL,FILTER		Н		~C189252	
	486-32530-800	BODY,OIL FILTER		ш		C189253~	
	046-11650-822			- 1		~J082070	
8	046-11650-822	CRANKSHAFT	i	П	- 4	~K102600	
			Ш	9	-1		
	046-11650-850		1		Ð	K102601~	
		BEARING,NEEDLE	1		C	~K102600	
9		BEARING, NEEDLE, KTV12162	1	М	C	K102601~	
	680-04019-210	CLIP,7	1	П	В	C189253~	
	036-11666-200		2		C	K102601~	
13	071-11600-230	SHIM,16X21X.20	V	ı	D		Shims are "as needed" to obtain
10	071 11600 040	CLUM 10 VO1 V 00		П			correct c/s side clearance.
		SHIM,16X21X.30	V		D		
		KEY,WOODRUFF,3X13X4.5	1	- 1	C		7
	031-11650-212 037-12000-200	PISTON]]		C		
	039-12000-201	PIN, PISTON, 12X38.3	וו		C		
	041-11650-220	CIRCLIP,PISTON PIN RING,PISTON	2	- 4	C		
13	041-11050-220	rund, FISTON	4	1	В		
20	017-11650-200	GASKET,CYLINDER	1	1	в		
21	002-11650-210	CYLINDER	1		c		
22	018-11610-21	PLUG,SPARK	1		cl		
23-1	155-20752-902	ROTOR,MAGNETO ASS'Y	1		c .	~N007370	
23	155-21738-80	ROTOR,MAGNETO	1			N007371~	
24	786-00601-200	WASHER,RECOIL STARTER	2			~E156100	
24	786-11620-200	WASHER,STARTER	2	1		E156101~	
		SPRING,STARTER PAWL	2	- 1		-N007370	
		PAWL,STARTER	2	- 11	- 1		
		BOLT,STEP	2	- 1	- 11	~N007370 ~N007370	
		NUT,FLYWHEEL	1	- 1	D .	1100/3/0	
		WASHER,FLYWHEEL	1				
		, =					
30	167-21509-802	COIL,IGNITION	1				
31-1	159-21401-870	IGNITOR,TTI-ID	1	Hi	в -	-E055570	
31	159-21411-870	IGNITOR,TTI-6D	1		CE	= 055571~	
				-	1		

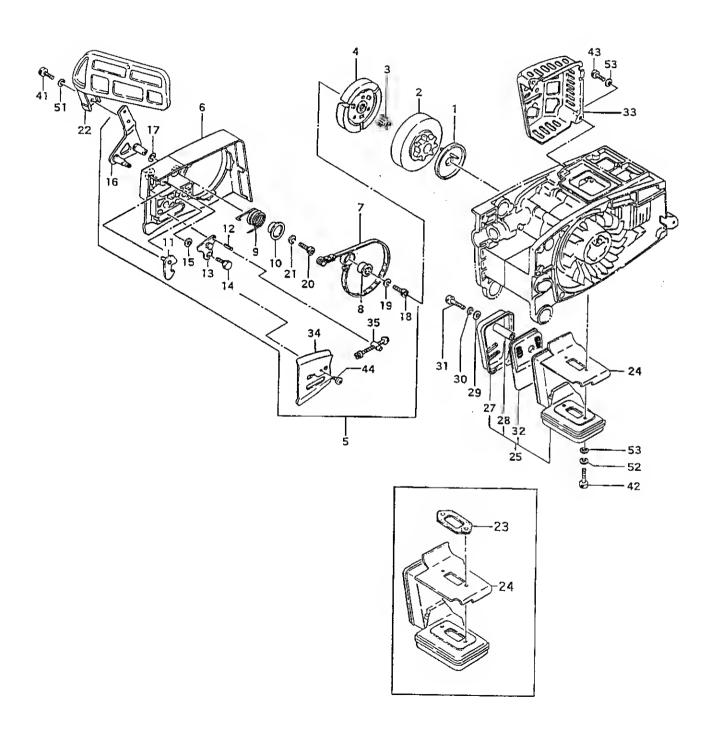
^{*} Indicates the part is included in a kit or assembly and is not available individually. Q-Quan. used C=Interchangeability S=Stocking code: A-Fast moving B=Med. fast C=Med. move D=Slow move E=N.L.A. F=Superceded or replaced by a new part

FIGURE 1 cont.

, , , .	0112 1 001111	E03-033 F.	\sim	.,_	<i>,</i> _	ISTITU	
REF.	PART NO.	PART DESCRIPTION	Q	С	s	SERIAL NO	REMARKS
32	198-05015-800	CLAMP,CORD	1		С		
33	203-04015-202	GROMMET, PRIMARY CORD	1		С		
34	173-11600-800	CORD,PRIMARY	1		С		
35	157-01570-900	CAP,SPARK PLUG,ASS'Y	1		С		
36	198-11600-200	CLAMP,CORD	1		D		
37	755-32600-200	TUBE,CORD INSULATOR	1		D		
38	255-11650-200	COVER, SPARK PLUG	1		D		
39	992-10070-012	WASHER,S,7	1		D		1
51	990-51050-303	BOLT,HEX,5X30	8	1	D		
52-1	990-51050-203	BOLT,HEX.HOLE,5X20	4		С	~M068795	
52	994-61050-205	BOLT,HEX,5X20	4	1	С	M068796~	
53	990-11040-181	SCREW,4X18	2		D	~G182170	
53	990-11040-221	SCREW,4X22	2		В	G182171~	
54	992-10040-012	WASHER,S,4	2	М	В		
55	992-00040-011	WASHER,4	2	М	В		
56	990-11040-161	SCREW,4X16	2		Α		
57	992-10040-012	WASHER,S,4	2		В		
61	992-10050-012	WASHER,S,5	V		Α	1	

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FIG.2 CLUTCH, BRAKE & MUFFLER



REF.	PART NO.	PART DESCRIPTION	Q	С	S	SERIAL NO	REMARKS
1		WASHER, SPROCKET	1	-	D		TEMATIKO
2	II.	HOUSING, CLUTCH	1		В		
3	999-62121-505	BEARING,NEEDLE	1		С		
4	287-11600-801	CLUTCH	1	1	D		
5	040-32600-911	CASE,SIDE,ASS'Y	1		D		
6	040-32600-210	CASE,SIDE	1		c		
			П				
7	378-32600-802	BAND,BRAKE	1		С		
		BAND,BRAKE,METAL	1	Ш	D	4	
		SPRING,BRAKE	1		D		
		WASHER,BRAKE SHAFT	1		D		
		PLATE,BRAKE RESET	1		D		
12	993-24005-120	PIN,SPRING	1	Ш	D		
13	373-32600-801	ARM BRAKE		- 1	D		
	382-32600-200		1		D	1	
		WASHER, SPECIAL, B	Ш		D	1	
		LEVER, BRAKE		- 1	D		
		SHIM,8.2X12,5X.50			D		
		BOLT,HEX,5X12					
		3 - 1 ,1 12 1 10 1 1 2			\mathbb{I}	1	
19	992-10050-012	WASHER,S,5	1		A		
		BOLT,HEX.HOLE,5X10	1			1	
	992-10050-012		1	- 1	Α		
22	380-32600-803	HANDLE,BRAKE	1		οĺ		
23	737-11600-210	GASKET,MUFFLER	2	1	o .	-C189252	
24	744-11600-21	SHIELD,HEAT	1	(
25	705-11653-010	MUFFLER,ASS'Y					
		BODY,MUFFLER B					
- 1		COLLAR, MUFFLER CLAMP 30			5		
		WASHER, BRAKE SHAFT		1.0			
- 4		WASHER,S,5			4		
		BOLT,HEX,5X45	1				
. 1	000 01000 700	5521,1122,5245	1	11	1		
32	732-11603-201	PLATE,PARTITION	1	E			
		PROTECTOR, MUFFLER	1				
		PLATE,GUIDE B	1	1	- 1		
35	116-32600-901	BOLT, CHAIN TENSION, ASS'Y	1				
		BOLT,HEX.HOLE,5X10	2	- 0			
42	990-51050-453	BOLT,HEX,5X45	2		;	D275496	
42	990-51050-252	BOLT,HEX.HOLE,5X35				0075407	
		BOLT,HEX.HOLE,5X35 BOLT,HEX.HOLE,5X10	2		ж	0275497~	
70	090-01000-103	DOLT, HEALHOLE, SATU	'		1		

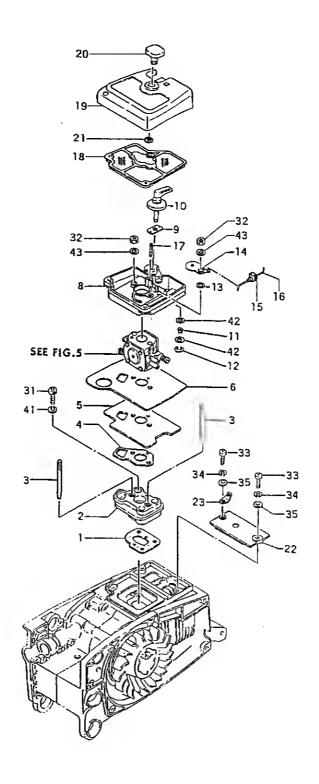
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FIGURE 2 cont.

REF.	PART NO.	PART DESCRIPTION	Q	C	s	SERIAL NO.	RE	MARKS
44	990-11030-061	SCREW,3X6	2	Г	D			
51	992-10050-012	WASHER,S,5	2		Α			
52	992-10050-062	WASHER,S,5	2		D			
53	992-00050-061	WASHER,SMALL,5	3		D			

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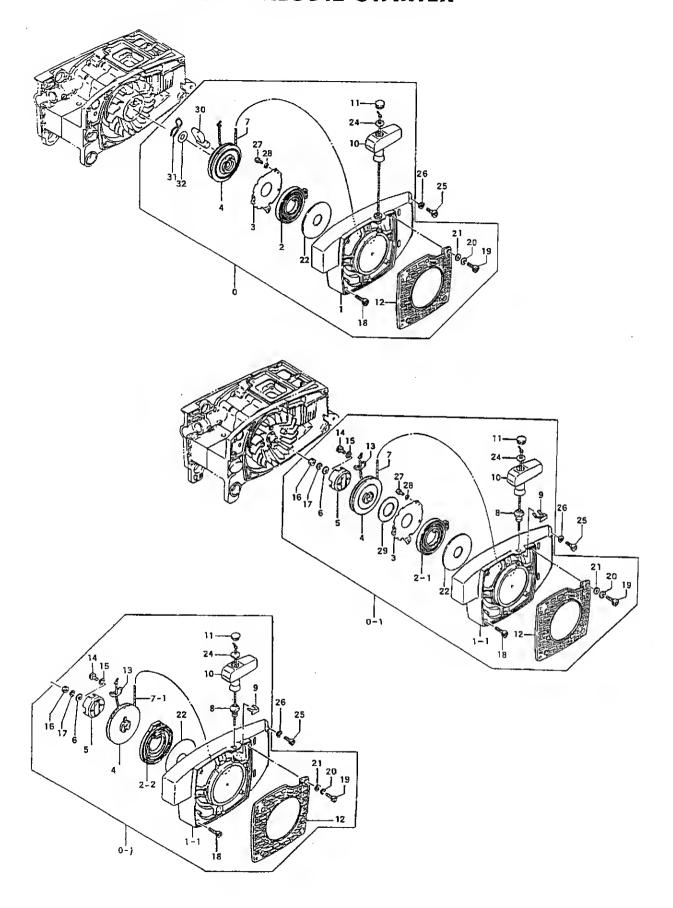
FIG.3 CLEANER & CARBURETOR



,,,,	U/ 1L 3	EC3-033 F					
REF.	PART NO.	PART DESCRIPTION	Q	С	S	SERIAL NO.	REMARKS
1	403-11650-201	GASKET,INLET MANIFOLD	1		С		
2	404-11650-810	INSULATOR, CARBURETOR	1			~M068925	
2	404-11660-80	INSULATOR, CARBURETOR	1		D	M068926~	
3	100-11622-200	STUD,5X60	2		C		
4	402-11653-200	GASKET,CARBURETOR	1		D		
5	133-11650-200	SHIELD,HEAT	1		С		
6		GASKET,CARBURETOR	1		С		
8		BODY,AIR CLEANER	1	1	D		
9		PLATE,SET,CHOKE	1		D		
10	704-32650-800	BUTTON, CHOKE	1		D		
11	308-36100-201	SPRING,ADJUSTER A	1		C		
12	993-55040-001	RING,STOP	1		D		
13	708-32350-200	SHIM,5.2X8X.80	1		С		
		VALVE,CHOKE	1		D		
		HOLDER, CHOKE ROD	1		D		
		ROD,CHOKE	1		٦	8	
	100-11601-201	BOLT,STUD,4X21	1		D	γ	
18	420-11600-810	ELEMENT, CLEANER	1		В	, ,	
.	0 11000 010		15				
19	051-32610-220	COVER, CLEANER	1		С		
20	175-32600-810	KNOB,CLEANER	1		С		
21	993-52009-002	RING,STOP,S-9 EX	1		C		
22	188-32600-210	PLATE, SHUTTER	1		D		
23	205-11600-201	TAB,TERMINAL	1		D		
31	990-51050-223	BOLT,HEX,5X22	3		С	~M068925	
	000 54050 050	DOLT HEY EYES	3		B	M068926~	
		BOLT,HEX,5X25	2		C	IVIUU0920~	
		NUT,LOCK 5			1		
33	990-11040-121	SCREW,4X12	2		B B		
	992-10040-012	WASHER,S,4	2				
	992-00040-011	WASHER,4	2	Ш	В		
41	992-10050-062	WASHER,S,5	3		D		
42	992-00060-011	WASHER,SMALL,6	2		С		
43	992-01050-011	WASHER,5	2		Α		

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FIG.4 RECOIL STARTER



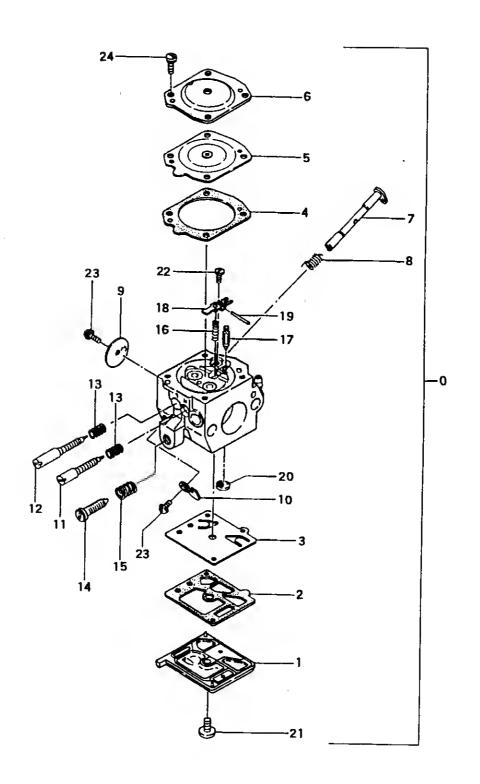
	1	ECS-035 /				γ	
REF.		PART DESCRIPTION	Q	С		SERIAL NO	REMARKS
	756-11622-900		1			~N007370	
0	756-11622-91	STARTER,RECOIL ASS'Y	1			N007371~	
1	112-11600-805	CASE,FAN	1			~N007370	
1-1	112-11622-80	CASE,FAN	1		С	N007371~	
2-2	778-11600-911	CASE,RECOIL SPRING,ASS'Y	1	М	С	~G182170	
2-1	779-11620-20	SPRING,RECOIL	1		В	M068796~	
3		PANEL,STARTER	1			F135301~	
4		PULLEY,STARTER	11		С	~N007370	
5		PULLEY,SHAFT/OUTER	1		С		
6		WASHER, SPECIAL	1		С		
7	783-11622-20	R-B 7831162120 ROPE	1		F		
8	780-11600-201	GUIDE,ROPE	1		С		5
9	781-11600-200	CLIP,ROPE GUIDE	1		ח	~M130823	
9	781-11621-20	CLIP,ROPE GUIDE	Ш	П		~N007370	
	785-11600-202	HANDLE, STARTER		Ш	D	11007070	
	833-10207-200	CAP, STARTER HANDLE		Ш	D		
f .	805-32650-201	PLATE, DAMPER		14	D		l .
13	782-11600-21	RECEIVER, ROPE	1		D	1	
				1			
14	990-51040-103	BOLT,HEX.HOLE,4X10	2	1	Α		
		WASHER,S,4	2	Ш	Α		
	991-01050-013	NUT,5	1	И	C		
	992-10050-012	WASHER,S,5	11	П	Α		
		BOLT,HEX,5X22	2	ш	C		
19	990-51040-123	BOLT,HEX.HOLE,4X12	4		С		
20	992-10040-012	WASHER,S,4	4		Α		
21	992-00040-011	WASHER,4	4		В		
22	827-11660-200	PLATE,RECOIL SPRING	1	- 1	c		
24	795-11600-200	STOPPER,ROPE	1	- 1	Ы		
25	990-51050-153	BOLT,HEX.HOLE,5X15	2		C		
26	992-00050-011	WASHER,SMALL,5	2	- 6	В		
e.,	1000 44000 004	105.6 111.606		-			
	990-11030-061	SCHEW,3X6	3		C		
		WASHER,S.,3	3				
		WASHER, PULLEY	11	- 1	D		
		CASE,FAN	1		- 1	N007371~	New style recoil starter system (Ref 0)
		SPRING,RECOIL	[1]		В	11	Can be fitted to older units if the
3	778-11622-200	PANEL,STARTER	1		D	11	Mag. rotor 155-21738-80 is fitted
4	774-11620-20	PULLEY,STARTER	1		c	,,	(see fig. 1)
- 1		ROPE,STARTER	$\lfloor 1 \rfloor$	- 11		11	
		HANDLE,STARTER	1		D	**	

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REF.	PART NO.	PART DESCRIPTION	Q	С	S	SERIAL NO	REMARKS
11	833-10207-200	CAP, STARTER HANDLE	1		С		
12	805-32650-201	PLATE, DAMPER	1		С		
18	990-51050-223	BOLT,HEX,5X22	2		C		
19	990-51040-123	BOLT,HEX.HOLE,4X12	4		С		
20	992-10040-012	WASHER,S,4	4		Α		
21	992-00040-011	WASHER,4	4		В		
22	827-11660-200	PLATE, RECOIL SPRING	1		С		
24	795-11600-200	STOPPER,ROPE	1	Ш	D		
25	990-51050-153	BOLT,HEX.HOLE,5X15	2	Ш	C		
26	992-00050-011	WASHER,SMALL,5	2		В		
27	990-11030-061	SCREW,3X6	3		С		
28	992-10030-012	WASHER,S.,3	3		С		
			1				
30	788-11620-20	PAWL,STARTER	1		С		
31	836-11620-20	SPRING,FRICTION	1		C		
32	034-31200-250	SHIM,8.2X12.5X.50	1		D		
			1				

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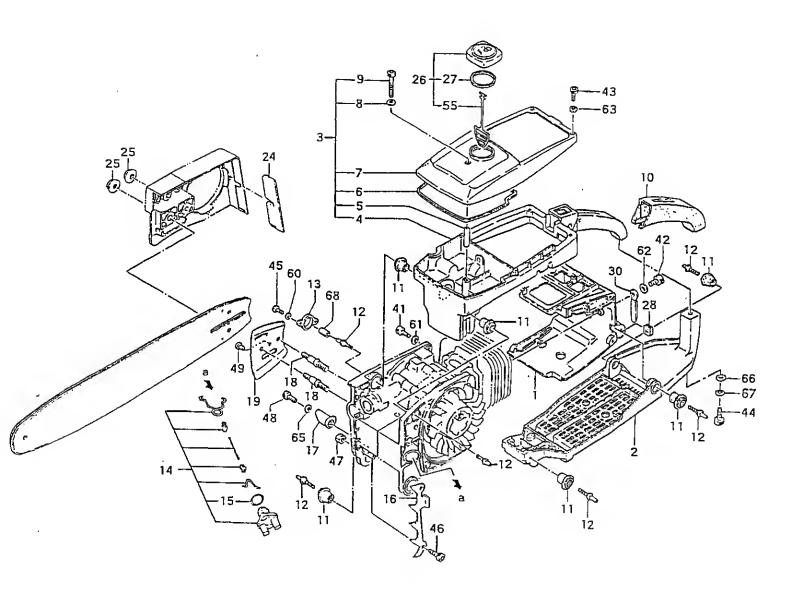
FIG.5 CARBURETOR



PART NO.	DART DECODINE				_	
	PART DESCRIPTION	Q	С	s	SERIAL NO	REMARKS
455-25012-902	CARBURETOR, ASS'Y	1		С	~M068925	
455-25036-90	CARBURETOR, ASS'Y	1		D	M068926~	
575-25012-200	BODY,PUMP	1		D		
~~~	*GASKET,PUMP	1		С		
~~~	*DIAPHRAGM,PUMP	1	1/	С		
~~~	*GASKET,DIAPHRAGM	1	۱	С		* Contained in Carb. Repair Kit 650-25012-910
~~~	*DIAPHRAGM,METERING	11	П	С		Not availiable individually
476-25012-201	COVER,DIAPHRAGM	1		D		,
464-25012-800	SHAFT,THROTTLE	1	П	D		
486-25012-200	SPRING,THROTTLE	1		- 1		
			١			
559-25012-200	PLATE,STOP		ì	D		
460-25012-201	SCREW,HIGH ADJUST	1		D	~D055565	
460-25012-210	SCREW,HIGH ADJUST	1	1	D	~M068925	
460-25036-20	SCREW,HIGH ADJUST	1	Н	D	M068926~	
461-25012-201	SCREW,LOW ADJUST	1	1	D	~D055565	
461-25012-210	SCREW,LOW ADJUST	1		Þ	~M068925	
461-25036-20	SCREW,LOW ADJUST	1		D	M068926~	
623-25001-200	SPRING,ADJUST,LOW	2		Ы		
462-25016-200	SCREW,IDLE ADJUST	1		D		
463-25012-200	SPRING,IDLE ADJUST	1	1	D		
477 - 25012-200	SPRING,VALVE	1	1			
~~~	*VALVE,NEEDLE	1		c		
~~~	*LEVER,CONTROL	1	1	D	1	
		1		D		
		1		C	1 11	
		1		D		
	SCREW,SET,HINGE PIN	1	Hi	D		
467-25003-200	SCREW,SHUTTER	2	1	С		
548-25012-200	SCREW,SET	4	li	D		
	575-25012-200 476-25012-201 464-25012-200 488-25012-200 488-25012-200 460-25012-201 460-25012-210 460-25012-210 461-25012-210 461-25036-20 461-25012-200 462-25016-200 463-25012-200 477-25012-200 514-25012-200 646-25001-200 646-25001-200	### BODY,PUMP ### CASKET,PUMP ### DIAPHRAGM,PUMP ### COVER,DIAPHRAGM ### COVER,DIAPHRAGM ### COVER,DIAPHRAGM ### COVER,DIAPHRAGM ### SHAFT,THROTTLE ### SPRING,THROTTLE ### SPRING,THROTTLE ### SCREW,HIGH ADJUST ### SCREW,HIGH ADJUST ### SCREW,LOW ADJUST ### SPRING,ADJUST,LOW ### SCREW,IDLE ADJUST ### SPRING,VALVE ### VALVE,NEEDLE ### **LEVER,CONTROL ### PIN,FLOAT ### SCREEN,INLET ### SCREEN ### S	## ST5-25012-200 BODY,PUMP *GASKET,PUMP *DIAPHRAGM,PUMP *GASKET,DIAPHRAGM *DIAPHRAGM,METERING *COVER,DIAPHRAGM *COVER,DIAPHRAGM *GASKET,DIAPHRAGM *DIAPHRAGM,METERING *COVER,DIAPHRAGM *COVER,DIAPHCON *COVER	### ST5-25012-200 BODY,PUMP #GASKET,PUMP #DIAPHRAGM,PUMP #GASKET,DIAPHRAGM ### TDIAPHRAGM ### TD	S75-25012-200	S75-25012-200 BODY,PUMP

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FIG.6 REAR HANDLE



REF. PART NO. PART DESCRIPTION Q C S SERIAL NO. REMARKS			EUS-655					
1 018-11600-212 COVER, CYUINDER 2 002-32600-211 BASE, ENGINE 1 010-32600-910 HANDLE, REAR, A 1 1 C C 1010-32600-211 HANDLE, REAR, A 1 1 C C 1096-11600-200 GOVER, TANK 2 COVER, TANK 3 137-11401-200 GASKET, GROMMET 1 219-32600-212 GRIP, REAR HANDLE 11 219-32600-220 BOLT, DAMPER A 13 224-32600-220 BOLT, DAMPER A 14 642-32650-901 DAMPER, FRONT 15 999-67020-000 SPIKE, BUCKING 17 125-32600-200 18 CBS-650-17 125-32600-200 19 481-32600-200 29 30-51050-453 DOLT, EXTUD, BARVCHAIN 19 481-32600-200 29 POSS SEE SEE SEE SEE SEE SEE SEE SEE SEE				Q	С			REMARKS
2 002-32600-210 BASE_ENGINE 1 0 0 010-32600-910 HANDLE_RBAR,A 1 1 0 0 010-32600-201 HANDLE_RBAR,A 1 1 0 0 06-11600-200 COLLAR 1 0 0 06-11600-200 COLLAR 1 0 0 06-11600-200 COLLAR 1 0 0 06-11600-200 GASKET,TANK 1 0 0 07-11600-200 COLLAR 1 0 0 0 07-11600-200 COVER,TANK 1 0 0 0 07-11600-200 COVER,TANK 2 0 0 07-116000-200 COVER,TANK 2 0 0 07-116000-200 COVER,TANK 2 0 0 07-116000-200 COVER			•	[1]		D	~C189252	
3 010-32600-910 HANDLE,REAR,A	1			1		D	C189253~	
4 010-32600-201			1	1		c		
5 096-11600-200 COLLAR	3	010-32600-910	· ·	1		D		
6 605-32600-201 GASKET,TANK 1 D GOVER,TANK 1 D GOVER,TANK 1 D GASKET,GROMMET 1 D GASKET,GROMMET 1 D GASKET,GROMMET 1 D GASKET,GROMMET 1 D D GASKET,GROMMER 2 D D GASKET,GROMMET 1 D D D GASKET,GROMMET 1 D D D D D D D D D D D D D D D D D D	4	010-32600-211	HANDLE,REAR,A	1	1	C	0	
7 600-32600-203 COVER,TANK 1 D 8 317-11401-200 GASKET,GROMMET 1 D 9 990-51050-453 BOLT,HEX,5X45 1 C 10 227-32600-201 GGIP,REAR HANDLE 1 D 11 219-32600-821 BOLT,DAMPER A 6 C 12 295-32600-202 BOLT,DAMPER A 6 D 13 224-32600-200 CAP,DAMPER 1 D 15 999-67020-000 CARING,P20 1 C 16 CBS-650- CAP,DAMPER 1 D 17 125-32600-201 CARTCHER,CHAIN 1 D 18 101-32600-200 PLATE,CHAIN PROTECTOR 1 C 19 461-32600-200 PLATE,CHAIN PROTECTOR 1 C 26 635-32615-910 NUT,CLAMP,BAR 2 C 26 642-11600-200 GASKET,TANK CAP 1 C 28 203-0604A-202 GROMMET 1 C 290-51050-153 BOLT,HEX.HOLE,5X15 2 C </td <td>5</td> <td>096-11600-200</td> <td>COLLAR</td> <td>[1]</td> <td></td> <td>D</td> <td></td> <td></td>	5	096-11600-200	COLLAR	[1]		D		
7 600-32600-203 COVER,TANK 1 D 8 317-11401-200 GASKET,GROMMET 1 D 9 990-51050-453 BOLT,HEX,5X45 1 C 10 227-32600-201 GGIP,REAR HANDLE 1 D 11 219-32600-821 BOLT,DAMPER A 6 C 12 295-32600-202 BOLT,DAMPER A 6 D 13 224-32600-200 CAP,DAMPER 1 D 15 999-67020-000 CARING,P20 1 C 16 CBS-650- CAP,DAMPER 1 D 17 125-32600-201 CARTCHER,CHAIN 1 D 18 101-32600-200 PLATE,CHAIN PROTECTOR 1 C 19 461-32600-200 PLATE,CHAIN PROTECTOR 1 C 26 635-32615-910 NUT,CLAMP,BAR 2 C 26 642-11600-200 GASKET,TANK CAP 1 C 28 203-0604A-202 GROMMET 1 C 290-51050-153 BOLT,HEX.HOLE,5X15 2 C </td <td></td> <td></td> <td></td> <td></td> <td>ı</td> <td></td> <td></td> <td></td>					ı			
8 317-11401-200	6	605-32600-201	GASKET,TANK	11		C		
9 990-51050-453 BOLT,HEX,5X45 1 C D D D D D D D D D	7	600-32600-203	COVER,TANK	1		D		
10	8	317-11401-200	GASKET,GROMMET	1	П	D	1	
11 219-32600-821 DAMPER,FRONT 6 C 12 295-32600-202 BOLT, DAMPER A 6 D 13 224-32600-200 CAP, DAMPER 1 D 14 642-32650-901 CAP, OIL ASS'Y 1 C 15 999-67020-000 CRING,P20 1 D 16 CBS650- SPIKE, BUCKING 1 D 17 125-32600-201 CATCHER,CHAIN 1 D 18 101-32600-20 BOLT, STUD,BAR/CHAIN 2 C 19 461-32600-202 PLATE, GUIDE A 1 D 24 325-32600-201 CATCHER, CHAIN PROTECTOR 1 C 12 121-32600-200 PLATE, CHAIN PROTECTOR 1 C 12 121-32600-200 CAP, FUEL TANK ASS'Y 1 C 25 121-32600-200 GASKET, TANK CAP 1 C 26 635-32615-910 GASKET, TANK CAP 1 C 27 642-11600-200 GASKET, TANK CAP 1 C 28 203-0604A-202 GROMMET 1 C 29 905-1050-153 BOLT, HEX.HOLE, 5X15 2 C 29 905-1050-153 BOLT, HEX.HOLE, 5X15 2 C 39 905-1050-103 BOLT, HEX.HOLE, 5X20 1 C 45 990-51050-103 BOLT, HEX.HOLE, 5X20 1 C 46 990-51050-183 BOLT, HEX.HOLE, 5X20 1 C 47 991-78050-010 BOLT, HEX.HOLE, 5X20 1 C 48 990-51050-183 GOLT, HEX.HOLE, 5X15 2 C 49 990-51050-183 BOLT, HEX.HOLE, 5X16 2 C 49 990-51050-183 BOLT, HEX.HOLE, 5X16 1 D 40 990-51050-183 GOLT, HEX.HOLE, 5X16 1 D 40 990-51050-183 GOLT, HEX.HOLE, 5X16 1 D 41 990-51050-183 GOLT, HEX.HOLE, 5X16 1 D 42 990-51050-183 GOLT, HEX.HOLE, 5X16 1 D 43 990-51050-183 GOLT, HEX.HOLE, 5X16 1 D 44 990-51050-183 GOLT, HEX.HOLE, 5X16 1 D 54 66-32810-200 CHAIN, TANK CAP 1 D 55 626-32810-200 CHAIN, TANK CAP 1 D 56 992-00040-011 WASHER, 4 2 B 57 991-1040-081 GOLT, HEX.HOLE, 5X16 2 C 57 991-1040-081 GOLT, HEX.HOLE, 5X16 1 D 57 991-78050-010 GOLT, HEX.HOLE, 5X16 1 D 57 991-78050-010 GOLT, HEX.HOLE, 5X16 1 D 58 991-1040-081 GOLT, HEX.HOLE, 5X16 1 D 59 901-1040-081 GOLT, HEX.HOLE, 5X16 1 D	9	990-51050-453	BOLT,HEX,5X45	1	Ш	C	1	
12 295-32600-202 BOLT, DAMPER A 6 D D 224-32600-200 CAP, DAMPER 1 1 D CAP, DAMPER 1 1 D CAP, DAMPER 1 1 C CAP, DAMPER 1 1 C CAP, DAMPER 1 1 C CAP, DAMPER 1 1 D D D D D D D D D D D D D D D D D	10	227-32600-212	GRIP,REAR HANDLE	1		D		
13	11	219-32600-821	DAMPER,FRONT	6	П	C		
13	\mathbb{N}			1.1	1	1		
14 642-32850-901	12	295-32600-202	BOLT, DAMPER A	6		D		
15 999-67020-000 CBS650- SPIKE, BUCKING 1 D CATCHER, CHAIN 1 D D CATCHER, CHAIN PROTECTOR 1 CATCHER, CATCHER, CATCHER, CHAIN PROTECTOR 1 CATCHER, CATCH	13	224-32600-200	CAP,DAMPER	1	- 1	D		
16 CBS650- 177 125-32600-201 CATCHER,CHAIN 1 D D 18 101-32600-202 BOLT,STUD,BAR/CHAIN 2 C CATCHER,CHAIN 1 D D 24 325-32600-202 PLATE,GUIDE A 1 D D 25 121-32600-201 PLATE,CHAIN PROTECTOR 1 C CAP,FUEL TANK ASS'Y 1 C CAP,FUEL TANK ASS'Y 1 C CAP,FUEL TANK CAP 1 C C CAP,FUEL TANK CAP 1 C CAP,FUEL TANK CAP 1 C CAP,FUEL TANK CAP 1 C C C C C C C C C C C C C C C C C C	14	642-32650-901	CAP,OIL ASS'Y	1	1	c		
17 125-32600-201 CATCHER,CHAIN 1 D D 1 1 D 1 1 D 1 1	15	999-67020-000	O-RING,P20	1	1	C	1	
18	16	CBS650-	SPIKE,BUCKING	1	П	D		
19	17	125-32600-201	CATCHER, CHAIN	1	J	D		
19				11				
24 325-32600-201 PLATE,CHAIN PROTECTOR 1 121-32600-200 NUT,CLAMP,BAR 2 C C 635-32615-910 CAP,FUEL TANK ASS'Y 1 C GASKET,TANK CAP 1 C C 198-05015-800 CLAMP,CORD 1 C C 1990-51050-153 BOLT,HEX.HOLE,5X15 2 C 990-51050-153 BOLT,HEX.HOLE,5X15 2 C 990-51050-203 BOLT,HEX.HOLE,5X15 2 C 990-51050-203 BOLT,HEX.HOLE,5X20 1 C C 1 C C C C C C C C C C C C C C C	18	101-32600-20	BOLT,STUD,BAR/CHAIN	2	١,	c		
25	19	461-32600-202	PLATE,GUIDE A	1	- [1	D		
26 635-32615-910 CAP,FUEL TANK ASSY 1 C C GASKET,TANK CAP 1 C C GASKET,TANK CAP 1 C C GASKET,TANK CAP 1 C C C C C C C C C C C C C C C C C C		325-32600-201	PLATE, CHAIN PROTECTOR	1	11	C		
27 642-11600-200 GASKET,TANK CAP 1 C 28 203-0604A-202 GROMMET 1 C 30 198-05015-800 CLAMP,CORD 1 C 41 990-51050-153 BOLT,HEX.HOLE,5X15 2 C 42 990-51050-153 BOLT,HEX.HOLE,5X15 2 C 43 990-51050-203 BOLT,HEX.HOLE,4X10 2 A 44 990-51050-203 BOLT,HEX.HOLE,5X20 1 C 45 990-11040-081 SCREW,4X8 2 C 46 990-51050-123 BOLT,HEX,5X12 2 C 47 991-78050-010 NUT,LOCK 5 2 C 48 990-51050-183 BOLT,HEX,5X18 1 D 49 990-11040-081 SCREW,4X8 1 C 55 626-32810-200 CHAIN,TANK CAP 1 D 60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,5MALL,5 2 C				2	- 1	C	- 1	
28 203-0604A-202 GROMMET 1 C CLAMP,CORD 1 C CLAMP,C			CAP, FUEL TANK ASS'Y	1	- (C	1	
198-05015-800	27	642-11600-200	GASKET,TANK CAP	1	- 10	C		
198-05015-800				Ш		1		
41 990-51050-153 BOLT,HEX.HOLE,5X15 2 C C 990-51050-153 BOLT,HEX.HOLE,5X15 2 C C S 990-51040-103 BOLT,HEX.HOLE,5X20 1 C C S 990-51050-203 BOLT,HEX.HOLE,5X20 1 C C C S 990-51050-203 BOLT,HEX.HOLE,5X20 1 C C S 990-51050-123 BOLT,HEX,5X12 2 C C S 991-78050-010 NUT,LOCK 5 2 C C S 990-51050-183 BOLT,HEX,5X18 1 D S CREW,4X8 1 C C C S 990-51050-183 BOLT,HEX,5X18 1 D S CREW,4X8 1 C C C S 990-11040-081 S CREW,4X8 1 C C C C C C C C C C C C C C C C C C				1				
42 990-51050-153 BOLT,HEX.HOLE,5X15 2 C 43 990-51040-103 BOLT,HEX.HOLE,4X10 2 A 44 990-51050-203 BOLT,HEX.HOLE,5X20 1 C 45 990-11040-081 SCREW,4X8 2 C 46 990-51050-123 BOLT,HEX,5X12 2 C 47 991-78050-010 NUT,LOCK 5 2 C 48 990-51050-183 BOLT,HEX,5X18 1 D 49 990-11040-081 SCREW,4X8 1 C 55 626-32810-200 CHAIN,TANK CAP 1 D 60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,SMALL,5 2 C				11	- 1	- 1		
43 990-51040-103 BOLT,HEX.HOLE,4X10 2 A 44 990-51050-203 BOLT,HEX.HOLE,5X20 1 C 45 990-11040-081 SCREW,4X8 2 C 46 990-51050-123 BOLT,HEX,5X12 2 C 47 991-78050-010 NUT,LOCK 5 2 C 48 990-51050-183 BOLT,HEX,5X18 1 D 49 990-11040-081 SCREW,4X8 1 C 55 626-32810-200 CHAIN,TANK CAP 1 D 60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,SMALL,5 2 C								
44 990-51050-203 BOLT,HEX.HOLE,5X20 1 C 45 990-11040-081 SCREW,4X8 2 C 46 990-51050-123 BOLT,HEX,5X12 2 C 47 991-78050-010 NUT,LOCK 5 2 C 48 990-51050-183 BOLT,HEX,5X18 1 D 49 990-11040-081 SCREW,4X8 1 C 55 626-32810-200 CHAIN,TANK CAP 1 D 60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,5MALL,5 2 C				2		- 1	1 1/1	
45 990-11040-081 SCREW,4X8 2 C C 990-51050-123 BOLT,HEX,5X12 2 C C A8 990-51050-183 BOLT,HEX,5X18 1 D SCREW,4X8 1 C C BOLT,HEX,5X18 1 D SCREW,4X8 1 C C C C C C C C C C C C C C C C C C				2				
46 990-51050-123 BOLT,HEX,5X12 2 C	44	990-51050-203	BOLT,HEX.HOLE,5X20	1	(1	
46 990-51050-123 BOLT,HEX,5X12 2 C		1						
47 991-78050-010 NUT,LOCK 5 2 C 48 990-51050-183 BOLT,HEX,5X18 1 D 55 626-32810-200 CHAIN,TANK CAP 1 D 60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,SMALL,5 2 C								
48 990-51050-183 BOLT,HEX,5X18 1 D C C C C C C C C C								
49 990-11040-081 SCREW,4X8 1 C C CHAIN,TANK CAP 1 D C D CHAIN,TANK CAP 1 D C D CHAIN,TANK CAP 2 B G D C D C D C D C D C D D C D D D D D D				2				
55 626-32810-200 CHAIN,TANK CAP 1 D 60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,SMALL,5 2 C				[1]				
60 992-00040-011 WASHER,4 2 B 61 992-00050-011 WASHER,SMALL,5 2 C				1				
61 992-00050-011 WASHER,SMALL,5 2 C	55	626-32810-200	CHAIN,TANK CAP	1)	4	
61 992-00050-011 WASHER,SMALL,5 2 C				RV				
2 0				2	- 4			
62 992-00050-011 WASHER,SMALL,5 2 C	- 1			2				
	62	992-00050-011	WASHER,SMALL,5	2	j			

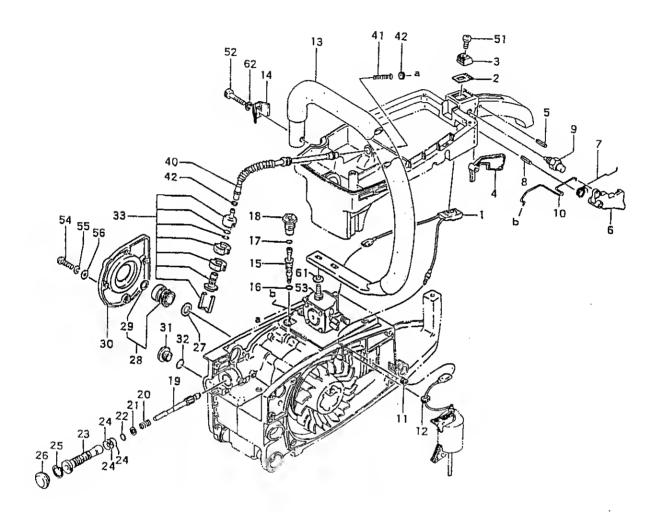
^{*} Indicates the part is included in a kit or assembly and is not available individually. Q=Quan. used C=Interchangeability S=Stocking code: A-Fast moving B=Med. fast C=Med. move D=Slow move E=N.L.A. F=Superceded or replaced by a new part

FIGURE 6 cont.

REF.	PART NO.	PART DESCRIPTION	Q	С	s	SERIAL NO	REMARKS
63	992-00040-011	WASHER,4	2		В		
65	992-00050-011	WASHER,SMALL,5	1		c		
66	992-00050-011	WASHER,SMALL,5	1		lс		
67	992-10050-012	WASHER,S,5	1		A		
68	700-15008-014	PIPE,FUEL,5X8X14	1		c		
				ĺ	l		

^{*} Indicates the part is included in a kit or assembly and is not available individually. Q=Quan. used C=Interchangeability S=Stocking code: A-Fast moving B=Med. fast C=Med. move D=Slow move E=N.L.A. F=Superceded or replaced by a new part

FIG.7 OIL PUMP & HANDLE



REF	. PART NO.	PART DESCRIPTION		,		SERIAL NO	REMARKS
1		BUTTON,STOP	17	۲	c)	TEMARKS
2	1	DECAL,STOP BUTTON	1		D		
3	258-11650-20	BUTTON,STOP			С		
4	257-32600-201	LEVER, SAFETY			D		
5	993-24004-180		1		D		
6	1	LEVER,THROTTLE	;		D		
						_	
7	061-32600-201	SPRING, THROTTLE LEVER	1		D		
8		PIN,SPRING,5X25	1		D		
9	064-33225-800	1	1		С		
10	490-32650-201	1 '	1		В		
11		GROMMET, PRIMARY CORD			С		
12		GROMMET, PRIMARY CORD				~C189252	(
"-			11		٦	-0103232	
12	203-11660-200	GROMMET, PRIMARY CORD			Ы	C189253~	11 - 11
		HANDLE,FRONT			D	0100200~	
		SUPPORT, FRONT HANDLE	1		D		
		ADJUSTER,OIL PUMP			Ы		
	999-67006-000	·					
	999-67005-012	· ·	Ш	П	ام		
			ľ	- 1			5.
18	503-32600-200	CAP,OIL PUMP ADJUSTER	11		D		
	085-32600-210				D		
		SPRING,GEAR,PUMP			D		I V
		WASHER, SPECIAL, A	$ \mathbf{i} $		ם		
	999-67006-012			1.14	c		
	071-32600-800	·			D		
		,		ı	П)
24	999-67009-012	O-RING,S-9	3		C		
25	993-51016-002	RING,STOP,16	1	- 1	D		
		GROMMET, RUBBER A	1		D		
		WASHER,THRUST	1		D		
28		GEAR,SCREW,ASS'Y	1	- 7	D		
29		SEAL,OIL,#12163			D		
30	097-32600-210	COVER,OIL PUMP	1		D		
31	525-32350-201	CAP,OIL LEVEL			D		1
	525-32530-200		1	- 1	D		1
	999-67012-500		1		D		
	999-67020-000		1		c		
	675-01630-900		1		Ā		
1							
40	678-11650-201	PIPE,RUBBER	1		В		
41	512-11600-200	COIL,PROTECTION	1	- 1	D		
		CLIP,7	2		В		
			1	+	1		

^{*} Indicates the part is included in a kit or assembly and is not available individually. Q=Quan. used C=Interchangeability S=Stocking code: A-Fast moving B=Med. fast C=Med. move D=Slow move E=N.L.A. F=Superceded or replaced by a new part

FIGURE 7 cont.

REF.	PART NO.	PART DESCRIPTION	Q	С	S	SERIAL NO	REMARKS
51	990-11030-101	SCREW,3X10	1		В		
52	990-51080-353	BOLT,HEX.HOLE,8X35	1		D		
53	990-51050-183	BOLT,HEX,5X18	2		D	~C189252	
53	990-51050-153	BOLT,HEX.HOLE,5X15	2		С	C189253~	
54	990-11040-101	SCREW,4X10	4		Α		
55	992-10040-012	WASHER,S,4	4		В		
56	992-00040-011	WASHER,4	4	ı	В		
61	992-01050-011	WASHER,5	2		Α		
62	992-10080-012	WASHER,S,8	1		В		

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FIG.8 TOOLS

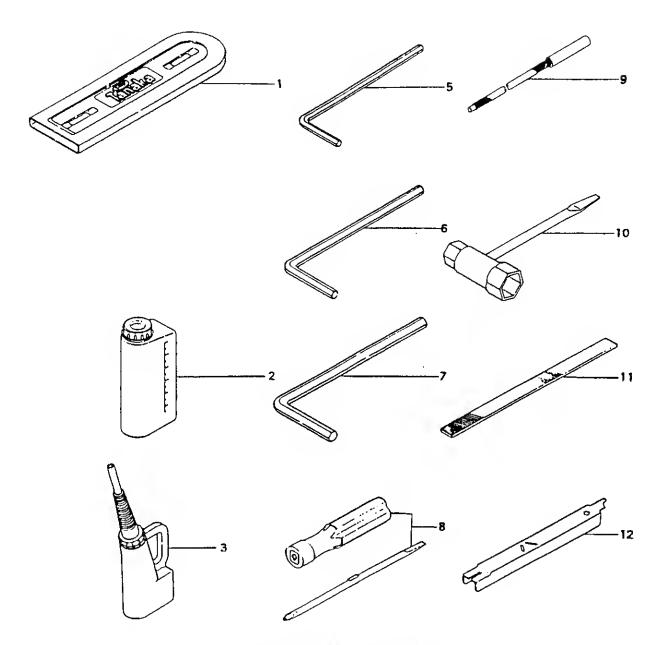


FIGURE 8

REF.	PART NO.	PART DESCRIPTION	Q	С	S	SERIAL NO	REMARKS
1	BCC-200	COVER,BAR/CHAIN,20"	1		D		<u> </u>
2	872-20000-201	CANISTER,FUEL PREMIX	1		D		
3	872-29040-900	BOTTLE,FUEL MIXING	1		E		
5	812-20000-200	WRENCH,HEX.3	1		D	l	
6	813-20000-200	WRENCH,HEX,4	1		D		
7	815-20000-200	SPANNER,6,HEX/BAR	1		D		
			l				
8	901-32600-900	DRIVER,ASS'Y	1		D		
9	CSF-316	FILE,ROUND,3/16"	1		D		
10	883-32600-200	SPANNER,COMBO	1		D		
11	CSF-800	FILE,FLAT,8"	1		D		
12	CDG-600	GUAGE,DEPTH	1		D		

FIG.9 MARKS

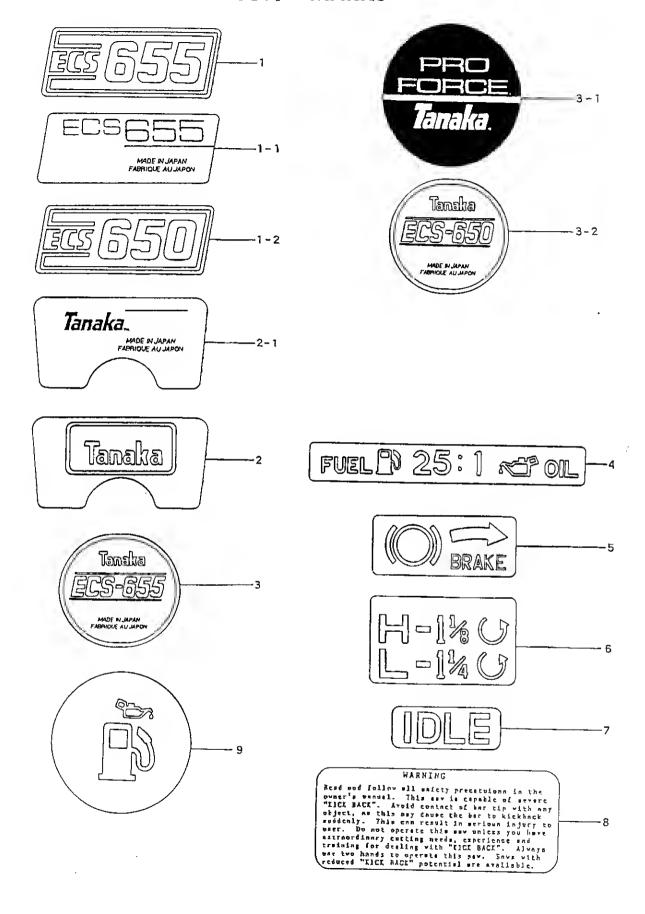


FIGURE 9

The state of the s												
REF.	PART NO.	PART DESCRIPTION	Q	C	S	SERIAL NO	REMARKS					
1-2	906-32650-200	DECAL	1		D	~K102600		· · · · · · · · · · · · · · · · · · ·				
1-1	906-32653-201	DECAL	1		D	~P050120						
1 1	906-32656-20	DECAL	1		D	P050121~						
2	929-11650-201	DECAL	1		D	~K102600						
2-1	929-11653-200	DECAL	1		D	~P050120						
3-2	915-32650-202	DECAL,STARTER	1		D	~K102600						
						7						
3-1	950-32603-200	DECAL,PRO-FORCE A	1		D	~P050120						
3	91532656201	DECAL,STARTER	1		D	P050121~						
4	935-32600-200	DECAL	1		D							
5	93732600200	DECAL	1	- 1	D							
6	91032650230	DECAL, CAUTION, CARBURETOR	1		D							
7	91132365200	DECAL,IDLE	1		D							
				- [,						
8	907-32653-200	DECAL,CAUTION	1		D							
9	920-32650-201	DECAL, FUEL	1	- 1	E			j				
								İ				

^{*} Indicates the part is included in a kit or assembly and is not available individually. Q=Quan. used C=Interchangeability S=Stocking code: A-Fast moving B=Med. fast C=Med. move D=Slow move E=N.L.A. F=Superceded or replaced by a new part